

CLAIMS

1. An image transfer sheet comprising a withstand voltage layer provided on the lower surface of a release layer, and a conductive compressive layer laid on the withstand voltage layer via a conductive support layer.
- 5 2. The image transfer sheet according to claim 1, wherein the release layer is formed of a fluororesin or an elastomer, and its surface tension is 20 mN/m or less.
3. The image transfer sheet according to claim 1 or 2, wherein the release layer has a surface tension of 20 mN/m or less and a thickness of 0.01 mm or more.
- 10 4. The image transfer sheet according to claim 1 or 2, wherein the withstand voltage layer has a thickness of 0.2 mm or more.
5. The image transfer sheet according to claim 1 or 2, wherein the withstand voltage layer has a thickness of 0.2 mm or more, and a volume electrical resistivity of 10^{5-9} $\Omega\text{-cm}$ at room temperature.
- 15 6. The image transfer sheet according to claim 1 or 2, wherein the withstand voltage layer has a thickness of 0.2 mm or more, a volume electrical resistivity of 10^{5-9} $\Omega\text{-cm}$ at room temperature, and a matrix hardness of 80 JIS-A or less.
7. The image transfer sheet according to claim 1 or 2, wherein the conductive compressive layer has a volume electrical resistivity of 10^4 $\Omega\text{-cm}$ or less at room temperature, and a porosity of 30 to 70%.
- 20 8. The image transfer sheet according to claim 1 or 2, wherein the support layer has a volume electrical resistivity of 10^4 $\Omega\text{-cm}$ or less at room temperature, and a breaking elongation of 10% or less.
9. The image transfer sheet according to claim 1 or 2, wherein the support layer comprises woven cloth regulated by conductive fibers, and has a breaking strength of 25 1000 N/50 mm or more and a volume electrical resistivity of 10^4 $\Omega\text{-cm}$ or less at room temperature.
10. The image transfer sheet according to claim 1 or 2, wherein the support layer

has a volume electrical resistivity of 10^4 Ω -cm or less at room temperature and a breaking elongation of 10% or less, and the conductive compressive layer has a volume electrical resistivity of 10^4 Ω -cm or less at room temperature and a porosity of 30 to 70%.

11. The image transfer sheet according to claim 1 or 2, wherein the support layer comprises woven cloth regulated by conductive fibers and has a breaking strength of 1000 N/50 mm or more, and the support layer has a volume electrical resistivity of 10^4 Ω -cm or less at room temperature, and the conductive compressive layer has a volume electrical resistivity of 10^4 Ω -cm or less at room temperature and a porosity of 30 to 70%.

12. The image transfer sheet according to claim 1 or 2, wherein the conductive compressive layer has a volume electrical resistivity of 10^4 Ω -cm or less at room temperature and a porosity of 30 to 70%, and the support layer comprises woven cloth regulated by conductive fibers and has a breaking strength of 1000 N/50 mm or more, and the support layer has a volume electrical resistivity of 10^4 Ω -cm or less at room temperature.

15 13. The image transfer sheet according to claim 1 or 2, wherein the support layer has a volume electrical resistivity of 10^4 Ω -cm or less at room temperature and a breaking elongation of 10% or less, and the support layer comprises woven cloth regulated by conductive fibers and has a breaking strength of 1000 N/50 mm or more.

14. The image transfer sheet according to claim 1 or 2, having has a modulus in stress of 1.0 MPa or less when the image transfer sheet is distorted 0.1 mm, and a modulus in stress of 2.0 MPa or more when the image transfer sheet is distorted 0.3 mm.

20 15. The image transfer sheet according to claim 1 or 2, having a breaking strength of 2000 N/50 mm or more and a breaking elongation of 10% or less.

16. The image transfer sheet according to claim 1 or 2, having has a modulus in stress of 1.0 MPa or less when the image transfer sheet is distorted 0.1 mm, and a modulus in stress of 2.0 MPa or more when the image transfer sheet is distorted 0.3 mm, and having a breaking strength of 2000 N/50 mm or more and a breaking elongation of

10% or less.